

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Goulmy et al.

Serial No.: Not yet assigned

Filed: July 18, 2003

For: HA-1 EPITOPEs AND USES
THEREOF

Confirmation No.: Not yet assigned

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 2183-6047US

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INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in

Attorney Docket No. 2183-6047US

37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
WO 97/04798 A1	12/13/1997	University of Virginia Patenet Foundation
WO 97/05168 A1	02/13/1997	Rijksuniversiteit te Leiden
WO 97/05169 A1	02/13/1997	Rijksuniversiteit te Leiden; The University of Virginia Patent Foundation
WO 99/05173 A1	02/04/1999	Rijksuniversiteit te Leiden
WO 99/05174 A1	02/04/1999	Rijksuniversiteit te Leiden
WO 99/05313 A2	02/04/1999	Rijksuniversiteit Leiden
WO 01/94940 A1	12/13/2001	Stichting Sanguin Bloedvoorziening
WO 03/47606 A2	06/12/2003	Academisch Ziekenhuis Leiden

Other Documents

International Search Report, International Application No. PCT/NL98/00424, dated November 30, 1998 (2 pages).

PCT International Preliminary Examination Report, International Application No. PCT/NL98/00424, dated November 25, 1999 (8 pages).

Other Documents

ABBAS et al., "Cellular and Molecular Immunology," 1991, Antigen Presentation and T cell Recognition, p. 130.

ANDERTON et al., Immunology 104:367-76, 2001.

COLMAN et al., "Effects of amino acid sequence changes on antibody-antigen interaction," 1994, A structural view of immune recognition by antibodies, pp. 33-36.

DEN HAAN et al., "Conservation of Minor Histocompatibility Antigens Between Human and Non-human primates," Eur. J. Immunol., 1996, pp. 2680-85, Vol. 26.

DEN HAAN et al., "Identification of a Graft Versus Host Disease-Associated Human Minor Histocompatibility Antigen," Science, June 9, 1995, pp. 1476-80. Vol. 268.

DEN HAAN et al., "The Minor Histocompatibility Antigen HA-1: A Diallelic Gene with a Single Amino Acid Polymorphism," Science, February 13, 1998, pp. 1054-57, Vol. 279.

GOULMY et al., "The Role of Human Minor Histocompatibility Antigens in Graft Failure: a Mini-review," Eye, 1995, pp. 180-84, Vol. 9, Royal College of Ophthalmologists.

HAAN et al., Eur. J. Immunol. 26:2680-2685, 1996.

NAGASE et al., DNA Res 3:321-329 (1996).

NGO et al., The Protein Folding Problem and Tertiary Structure Prediction, pp. 492-495, 1994.

PAUL et al., "Fundamental Immunology," 2d edition Raven Press, 1989, pp. 987-988.

PEAKMAN et al., Immunology 104:361-366, 2001.

STRYER et al., In Biochemistry, W.H. Freeman and Company, New York, pp. 31-33, 1988.

TISCH et al., Proc. Nat'l Acad. Sci. USA 91:437-438, 1994.

VAN DER HARST et al., "Recognition of Minor Histocompatibility Antigens on Lymphocytic and Myeloid Leukemic Cells by Cytotoxic T-Cell Clones," 1994, pp. 1060-66, The American Society of Hematology.

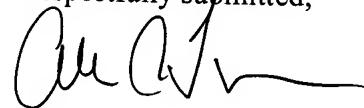
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In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56 & 1.175, Applicants offer hereby identifies the following listed copending applications naming the same inventor(s):

Attorney Docket No. 2183-4285US
Serial No.: 09/489,760
Filing Date: January 21, /2000
Title: THE HA-1 ANTIGEN

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. § 1.17(p) is required.

Respectfully submitted,



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Date: July 18, 2003
ACT/jml

Enclosures: Form PTO/SB/08A
Cited Documents

Document in ProLaw

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Not yet assigned
<i>(use as many sheets as necessary)</i>		Filing Date	July 18, 2003
		First Named Inventor	Goulmy et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet	1	of	3
		Attorney Docket Number	2183-6047US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 97/04798 A1	12/13/1997	University of Virginia Patent Foundation		
		WO 97/05168 A1	02/13/1997	Rijksuniversiteit te Leiden		
		WO 97/05169 A1	02/13/1997	Rijksuniversiteit te Leiden; The University of Virginia Patent Foundation		
		WO 99/05173 A1	02/04/1999	Rijksuniversiteit te Leiden		
		WO 99/05174 A1	02/04/1999	Rijksuniversiteit te Leiden		
		WO 99/05313 A2	02/04/1999	Rijksuniversiteit Leiden		
		WO 01/94940 A1	12/13/2001	Stichting Sanquin Bloedvoorziening		
		WO 03/47606 A2	06/12/2003	Academisch Ziekenhuis Leiden		

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number	Not yet assigned
Filing Date	July 18, 2003
First Named Inventor	Goulmy et al.
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number 2183-60471JS

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		International Search Report, International Application No. PCT/NL98/00424, dated November 30, 1998 (2 pages).	
		PCT International Preliminary Examination Report, International Application No. PCT/NL98/00424, dated November 25, 1999 (8 pages).	
		ABBAS et al., "Cellular and Molecular Immunology," 1991, Antigen Presentation and T cell Recognition, p. 130.	
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Sheet	3	of	3
		Attorney Docket Number	2183-6047IIS

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		NGO et al., The Protein Folding Problem and Tertiary Structure Prediction, pp. 492-495, 1994.		
		PAUL et al., "Fundamental Immunology," 2d edition Raven Press, 1989, pp. 987-988.		
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